

A Practical Application of Operational
Research to the Working of Glass Tanks II.,
by M. Spilhan.

FRENCH, per, Silicates Industriels, Vol XXIV,
pp 440-445.

CSIRO

Sci - Engr
Oct 61

171,301

Physico-Chemical Interpretations of a Differential
Thermal Analysis, by M. Rey, V. Kostomarov.

FRENCH, par, Silicates Industriels,
Vol XXIV, No 12, 1959, pp 603-614.

CSIRO

Sci - Engr
Apr 62

191, 721

TT-64-10582

Gottardi, V. and Bonetti, G.
THE STARTING PHASES OF THE CORROSION BETWEEN VARIOUS GLASSES AND ELECTROCAST REFRACTORIES (Les Phases Initiales de la Corrosion entre Différents Verres et les Refractaires Electrofondus). Paper presented at the Symposium for Electrochemistry of the Belgian Association for the Advancement of the Study of Glasses and Siliceous Compounds, Brussel, 1960. [1963] [27p] (foreign text included) 6 refs
Order from SLA \$2.60 TT-64-10582

Trans. of Silicates Industriels (Belgium) 1961, v. 26 [no. 1] p. 9-16.

DESCRIPTORS: *Corrosion, *Glass, *Refractory materials, Microstructure, Hardness, Surface properties.

(Materials--Ceramics, TT, v. 11, no. 9)

- I. Gottardi, V.
- II. Bonetti, G.
- III. Title: Symposium...

Office of Technical Services

TT-64-12361

Kissel, R. R.
INTERNATIONAL FLAME RESEARCH FOUNDATION:
ORGANISATION, DESCRIPTION OF THE IJMUIDEN
STATION AND ITS MEASURING APPARATUS. Nov 63
Order from BGIRA BGIRA-588

Trans. of Silicates Industriels (Belgium) 1961 [v. 27]
no. 10, p. 451-468.

DESCRIPTORS: *Glass, Melting, Flames,
Industrial research.

(Materials--Ceramics, TT, v. 11, no. 10)

I. Kissel, R. R.
II. Title: Ijmuiden Station
III. BGIRA-588
IV. British Glass Industry
Research Association,
Sheffield (England)

Office of Technical Services

Characterization and Industrial Utilization of
El Rosado sericite., by D. Estrada, C. Conde.
GERMAN, for, Silicates Industriels, Vol. 27, No. 5,
1962, pp 243-249.
CSIRO/No. 6010

Sci -
July 1967

334-673

Godron, Y.
POLARISATION OF REFRACTORIES PLACED AT
CONSTANT TEMPERATURE IN CONTACT WITH
GLASSES OR MOLTEN SALTS. July 63.
Order from BGIRA

BGIRA-572

Trans. of Silicates Industriels (Belgium) 1963, v. 28,
no. 1, p. 19-27.

DESCRIPTORS: *Refractory materials, *Polarization,
Glass, Salts, Melting, Temperature,

(Materials--Refractories, TT, v. 11, no. 1)

TT-63-22444

I. Godron, Y.
II. BGIRA-572
III. British Glass Industry
Research Association

Office of Technical Services

Delrieux, J. and Rocco, D.
THOUGHTS ON THE FRACTURE OF THERMAL
ORIGIN OF REFRACTORIES SUBJECTED TO SERV-
ICE CONDITIONS. [1963].
Order from BGIRA

BGIRA-569

Trans. of Silicates Industriels (Belgium) 1963, v. 28,
no. 2, p. 59-70.

DESCRIPTORS: *Refractory materials, Thermal
stresses, Fracture (Mechanics).

(Materials--Refractories, TT, v. 10, no. 7)

63-17974

- I. Delrieux, J.
- II. Rocco, D.
- III. BGIRA-569
- IV. British Glass Industry
Research Association

Office of Technical Services

Behavior of Glass Materials in the Fire,
by J. P. Fackler. 30 p.
FRENCH, per, Silicates Industriels,
Vol 28, 1963, pp 89-99.
SLA TT-66-10684

Sci-M&M
Jul 66

306,008

Peyches, I.
NEW STUDIES ON THE STRUCTURE OF VITREOUS
STATES. [1963] [BGIRA] no. 577.
Order from BGIRA

BGIRA-577

Trans. of Silicates Industriels (Belgium) 1963, v. 28,
no. 5, p. 223-229.

DESCRIPTORS: *Ceramic materials, Structural
properties.

(Materials--Ceramics, TT, v. 10, no. 12)

63-22897

I. Peyches, I.
II. BGIRA-577
III. British Glass Industry
Research Association

Office of Technical Services

Acloque, P.
FUNDAMENTAL IDEAS ON THE FRACTURE OF
GLASS. Feb 64.
Order from BGIRA

BGIRA-600

Trans. of Silicates Industriels (Belgium) 1963, v. 28,
no. 7/8, p. 323-331.

(Materials--Ceramics, TT, v. 12, no. 2)

TT-64-12949

- I. Acloque, P.
- II. BGIRA-600
- III. British Glass Industry
Research Association,
Sheffield (England)

Office of Technical Services

Tarte, P.
NEW APPLICATIONS OF INFRARED SPECTROM-
ETRY TO PROBLEMS OF CRYSTAL CHEMISTRY.
Feb 64.
Order from BGIRA BGIRA-599
Trans. of Silicates Industriels (Belgium) 1963, v. 28,
no. 7/8, p. 345-354.

(Chemistry, TTI, v. 12, no. 2)

TT-64-12948

- I. Tarte, P.
- II. BGIRA-599
- III. British Glass Industry
Research Association,
Sheffield (England)

Office of Technical Services

The Fine Structure of Glasses Shown by
Microscope and Electron Diffraction Studies,
by C. Sella, and others,
BEIGIAN, par, Silicates Industriels, Vol 29,
1964, No 1, pp 15-23
BGTIA 623

Sci - Nat
June 67

327,456

Study to Find a Method for Rapid Assessment of
Reactivity of pfa Ash and Pozzolana Added to
Cement, by J. Forest, E. Bismulien.
FRENCH, per, Silicates Industriels, Vol 29,
No 7-8, 1964, pp 265-278.
(TME. 1299)
CMB 3965

314,359

Sci - Materials
Nov 66

Stepanenko, M. G.
ESTABLISHING THE CORRECT DESIGN FOR RE-
GENERATORS (Festlegung der Zweckmässigen
Abmessungen von Regeneratoren) tr. from Russian
by Y. Kvederavich. [1962] [19]p. (foreign text in
German included) 16 refs.
Order from SLA \$1.60

62-10947

Trans. of Silikat Technik (East Germany) 1953, v. 4,
no. 4, p. 147-150 (originally pub. Steklo i Keramika
(USSR) 1950, v. 7, no. 2, p. 5-9.

DESCRIPTORS: *Glass, Melting, *Furnaces, *Heat
exchangers, Design, Corrections

(Materials--Ceramics, TT, v. 8, no. 6)

62-10947

I. Stepanenko, M. G.

Office of Technical Services

Schitzer, Leon.
A NEW MATERIAL FOR CERAMIC MASTER-
MOLDS. [1963] 5p.
Order from SLA \$1.10

63-16056

Trans. of Silikat Technik (East Germany) 1951, v. 2
[no. 3] p. 80.

DESCRIPTORS: *Molding, Ceramic materials,
*Molding materials, *Gypsum, Mechanical properties,
Physical properties.

(Materials--Ceramics, TT, v. 10, no. 4)

63-16056

I. Schitzer, L.

Office of Technical Services

The Surface Tension of Silicate Melts, by
A. A. Appen, K. A. Schischow, S. S. Kajalowa,
1 pp.

GERMAN, per, Silikattechnik, Vol IV, No 3,
1953, pp 104-105.

Broken Hill Proprietary
Co Ltd CRL/T 270

72-61

Frank, H. H.
TECHNICAL-ECONOMIC INDEXES FOR THE FURNACES OF THE GLASS INDUSTRY (Technisch-Wirtschaftliche Kennziffern für die Öfen der Glasindustrie). [1962] [25]p. (foreign text included)
6 refs.

Order from SLA \$2.60

62-10930

Techn. Wirtschaft. Fachlink (East Germany) 1953, v. 4, no. 5, p. 195-199.

DESCRIPTORS: *Glass; Production; Economics; Indexes; Management engineering.

(Materials--Ceramics, TT, v. 8, no. 6)

62-10930

H. Frank, H. H.

Office of Technical Services

Schönborn, Herbert.

THE THERMAL ENDURANCE OF GLASS IN RELATION TO ITS RESISTANCE TO THERMAL SHOCK AS A PROPERTY OF THE MATERIALS (Die Wärmefestigkeit des Glases unter besonderer Berücksichtigung der Abschreckfestigkeit als einer Werkstoffeigenschaft). [1963] [35p] (foreign text included) 18refs
Order from SLA \$3.60

63-20373

Trans. of Silikat Technik (East Germany) 1953, v. 4, no. 10, p. 435-442.

DESCRIPTORS: *Glass, Shock resistance, Thermal stresses, Mechanical properties.

After general remarks on the nature of the thermal endurance the thermal shock resistance of glass as a property of the material is fully discussed. Investigations are conducted on the influence of various factors (Materials--Ceramics, TT, v. 10, no. 12) (over)

63-20373

I. Schönborn, H.

Office of Technical Services

An Accurate and Rapid Method for the Determination of
Fluorine in Glasses and Raw Materials Containing Fluorine,
by Werner Vogel, 11 pp.

GERMAN, per, Silikattech, Vol 4, 1953, ^{pp} 483-485.

S.I.A. Tr 1419/1956

Sci-Physics
Feb 57 CTS/dex

43,575

Foam Glass, Part I - Properties and
Application, by M. Hubscher.
GERMAN, per, Silikattechnik, June 1954,
pp 243-247.
BISI 4570

Sci-M&M
May 66

299,804

The Influence of Test Conditions on the Measured
Mechanical Strength of Glass, by H. Schonborn, 14 pp.

GERMAN, per, Silikattechnik, Vol IV, No 12, 1953,
pp 531-535.

SIA Tr 57-752

Sci - Engr

53,143

Sep 57

The Stress-Removal and Cooling of Hollow Glasses
With Standard Composition, by Fritz Korner, 20 p.

GERMAN, per, Silikat Technik, 1954, Vol V, No 4,
pp 147-150.

SLA 59-15326

Sci
Dec 59
Vol 2, No 6

103,939

Experiences With a New Heat Exchanger for Wet Process
Rotary Kilns, 6 pp.

GERMAN, PEB, Silikattechnik, Vol V, Oct 1954,
pp 446-447.

S.I.A. Tr 160

32,880

~~FRG~~ - Germany

Scientific - Engineering

Foam Glass, II - The Technique of Producing
Foam Glass, by H. G. Schultz.
GERMAN, per, Silikattechnik, Vol VIII, Aug. 1954,
pp 343-346.
BISI 4571

Sci-M&M
May 66

300,936

^S
Silicone Films on Glass Surfaces. Part 1,
by H. Wessel
GERMAN, per, Silikattechnik, Vol. 6,
Jan 1955, pp. 3-9.
C.E. Trans. 5044

Feb 1971

The Chemical Composition of Vacuum-Technique
Glasses, by Oscar Knapp Knapp, 5 pp.

GERMAN, ^{no} ~~part~~, Silikattechnik, Vol VI, Book 3,
Mar 1955, pp 99-104.

SLA TT-64-10481
US Dept of Commerce
National Bureau of
Standards (Gift)

Sci - Chemistry

43,012

Combustion time and burning path of a Mixed Flame
of Pulverized Hard- and Brown-Coal in Long wet-
Process Rotary Kilns, by G. Bornschein, 7 pp.

GERMAN, per, Silikattechnik, Vol VI, no 4, Apr
1955, pp 159-160.

S.L.A. Tr 59

32,745

EEur - Germany
Scientific - Fuels

Dependence of Grinding Capacity (Efficiency) on the
Percentage of Ball Filling of Tube Mills, by Karl
Jacob, 5 pp.

GERMAN, per, Silikattechnik, Vol VI, Jun 1955,
pp 260-261.

S.L.A. No 343/1956

Scientific - Engineering

34,308

Constitution of Glass, by I. Schuls,
W. Hins.

GERMAN, per, Silikat Technik, Vol VI,
No 5, 1955, pp 235-241.

CHIRO

Sci - Phys
Jun 62

201,124

Glassy State, by E. Thilo.

GERMAN, per, Silikat Technik, Vol VI,
No 7, 1955, pp 278-280.

CSIRO

Sci - Phys
Jun 62

201,125

Manufacture of Sandlime Bricks from 'Bauna'
(Carbide) Lime, by G. Schmid.
GERMA , per Silikat Technik. Vol. 6, No. 7
1955, pp 312-313
GB 334/CT. E.2. - 10/-

Sci -
Aug 67

338-377

Gypser, Joachim.
GRINDABILITY OF GLASSES (Beitrag zur
Schleifbarkeit von Gläsern). [1962] [23]p. (foreign
text included) 7 refs.
Order from SLA \$2.60

62-16133

Trans. of Silikat Technik (East Germany) 1955, v. 6,
no. 9, p. 372-377.

DESCRIPTORS: *Glass, *Grinders, *Grinding wheels,
Production, Abrasion, Chemical properties, Physical
properties.

Some 38 glasses of different composition were tested
for their grindability as depending on the molar com-
position, comparing it with the other properties of the
glass. The procedure is described. Some technical
glasses and a selection of the company's own glasses
were examined for grindability as a function of the
grinding speed. (Author)
(Materials--Ceramics, TT, v. 8, no. 6)

62-16133

I. Gypser, J.

Office of Technical Services

Costa, Harold.
HEAT FLOW FROM THE FLAME TO THE GLASS
MELT INVESTIGATED ON A TRIAL INSTALLATION.
[1963] 27p. (figs. omitted) 21 refs.
Order from SLA \$2.60

63-14063

Trans. of Silikat Technik (East Germany) 1955, v. 6,
no. 10, p. 415-422.

DESCRIPTORS: *Glass, *Heat transfer, Furnaces,
Fuels, Gases, Melting, Flames.

The first results of comparative investigations of the
heat transfer in the glass bath with luminous and
roaring flames from unpurified and purified generator
gas in a bath depth of 24 cm show only in the top layer
of 1 cm a temperature drop which is greater by 70%.
Below this layer of 1 cm the temperature course and the
mean effective heat conductivity are independent of the
(Materials--Ceramics, TT, v. 10, no. 5) (over)

63-14063

I. Costa, H.

Office of Technical Services

Dependence of the Viscosity of Plastic Ceramic
Bodies on the Deformation Speed, by T. Haase,
K. Petermann.

GERMAN, per, Silikat Technik, Vol VI, 1955,
~~pp 427~~ p 427.

GB/8/370

Sci-Materials & Metallurgy
May 63

229,898

On the Relationship between Phase Composition
and Temperatures of Softening under Pressure
of Magnesia Refractories, by F. Nadachowski.

GERMAN, per, Silika Tech., Vol VI, 1955, pp
473-475.

INSDOC-T2009

Sci

Aug 58

72,474

Kuhl, H.
EXPANSIVE CEMENT (QUELLZEMENT). [1963] 7p.
22 refs.
Order from SLA \$1.10 63-14710

Trans. of Silikat Technik (East Germany) 1955,
v. 6, no. 11, p. 476-477.

DESCRIPTORS: *Cements, *Structural properties,
Production, Civil engineering.

A review is given of the development and present-day
status of the use of expansive cements.

(Materials, TT, v. 10, no. 5)

63-14710

1. Kuhl, H.

Office of Technical Services

Method of Quantitative Determination of
Degree of Refining of Glasses, by G.
Schilling, H. Franck.

GERMAN, par, Silikat Technik, Vol VI,
No 12, 1955, pp 505-509.

CSIRO

Sci - Phys

189,512

Mar 62

Paper Chromatographic Investigations of Sodium
Polyphosphate Glasses, by H. Grunze.

GERMAN, per, Silikat Tech, Vol VII, No 4, Apr
1956, pp 134-138.

ASLIB-GB105

Sci

Aug 59

94, 178

Problems of Glass Technology, by
H. Franck.

GERMAN, per, Silikat Technik,
Vol VII, No 5, 1956, pp 179-182.

CSIRO

Sci - Phys
Jun 62

201,126

Concerning Polishing Theory of Glass, by
A. Keller.
GERMAN, per, Silicatechnik, Vol 7, No 10,
1956, pp 380-390.
NYC-69-12992-11B

Sci-Mat
Sept 69

391,200

Local Reserves of Materials for the Building
Industry, by H. Grimmer.

GERMAN, per, Silikattechnik, Vol VII,
No 12, 1956, pp 537-547.

CSIRO 3652

Sci - Engr
Jul 62

201,115

KALLER, A. Discussion concerning glass polishing.
Silikattechnik 4:320-3 (1958) (GB 131/T 5889)

Description of a Simple Measuring Procedure
for the Determination of Spalling Resistance,
by R. Bohn, A. Pump. UNCL

GERMAN, FOR, Silikat Technik, No 4, 1959,
pp 150-152.

BISI 1483

(L2 15s.03.)

Sci - Engr
Apr 60

114,285

The Measuring of Glass Fibre Diameters, by B.
Siede.

GERMAN, per, Silikat Tech, Vol VII, No 8,
1956, pp 323-325.

ASLIB-GB105

Sci
Aug 58

70,797

TT-64-10567

Krause, Hans, Vogel, Werner, and Wessel, Hans.
CLEAR-UP OF SOME DEFECTS IN GLASS IN THE
MANUFACTURING OF OPTICAL AND TECHNICAL
GLASSES (Aufklärung einiger Glasfehler bei der
Herstellung Optischer und Technischer Gläser). [1963]
[12p] (foreign text included)
Order from SLA \$1.60

TT-64-10567

Trans. of Silikat Technik (East Germany) 1959, v. 10,
no. 8, p. 401-404.

DESCRIPTORS: *Glass, *Optical glass, Production,
Quality control, Deformation, Crystal structure,
Sodium compounds, Sulfates, Arsenic compounds,
Oxides.

(Materials--Ceramics, TT, v. 11, no. 9)

I. Krause, H.
II. Vogel, W.
III. Wessel, H.

Office of Technical Services

Modern ~~MM~~ Shaft Linekilm, by
K. Laermann.

GERMAN, per, Silikat Technik, Vol VII,
No 7, 1956, pp 291-293.

OSIRO

Sci - Engr

Mar 62

189,511

62-16413

Kaller, Adolf.

ON THE POLISHING THEORY OF GLASS (Zur
Poliertheorie des Glases). [1962] [58]p. (foreign text
included) 61 refs.

Order from SLA \$5.60

62-16413

I. Kaller, A.

Trans. of Silikat Technik (East Germany) 1956, v. 7,
no. 10, p. 380-390 and 399.

DESCRIPTORS: *Glass, Electrolytic polishing, Water,
Surfaces, Chemical reactions, Optical glass,
Theory

In the first part of the work, all known polishing
theories are discussed critically. After it has been
found that none is capable of satisfactorily interpreting
the polishing process, our own realizations regarding
the polishing process are summarized in a new theory;
according to it the polishing process is seen as a com-
(Materials--Ceramics, TT, v. 8, no. 7) (over)

Office of Technical Services

Systematic Investigations on Glasses With
Reference to Their Properties in Relation to
the Position in the Periodic Table of the Ions
in the Glass, by K. Kuehne, 23 pp.

GERMAN, per, Silikattechnik, Vol VII, No 11,
1956, pp 451-465.

SLA(LOAN) TT-60-20396

TIL.T4808

Sci - Chemistry

51,380

Aug 57

Research on Resistance of Temperature Changes,
and in Particular on the Elongation Properties
of Fireproof Building Materials, by T. Haase
and K. Petermann, 30 pp.

GERMAN, per, Silikat Techn, Vol VII, No 12,
Dec 1956, pp 505-510.

SLA 57-3338

Sci

Aug 58

72,375

Mineralogical Problems of Cement Manufacture: Theory
and Practice, by Hans Kuchl, 10 pp.

GERMAN, per, Silikat Technik, Vol VIII, No 1, 1957,
pp 24-27.

SLA 59-10733

Sci
Jan 60
Vol 2, No 5

104,796

Contribution to the Examination of Wet
Rotary Kilns of Long Extent, by
G. Bornscheim.

GERMAN, per, Silikat Technik, No 4,
1957, pp 157-164.

CSIRO

Sci - Engr
Jul 62

203,459

The Temperature Dependence of the Internal
Friction and Modulus of Elasticity of
Glass, by K. Hilbert.

GERMAN, per, Silikattechnik, Vol 7, No 10,
1956, pp. 394-9.

NTC 69-10740-11B

Sci-Mat
July 69

386,780

Knapp, Oscar.
THE GENESIS OF CRYSTALS IN SILICATE GLASSES
(Die Entstehung der Kristalle in Silikatgläsern). [1962]
[10]p. (foreign text included) 12 refs.
Order from SLA \$1.10 62-18119

Trans. of Silikat Technik (East Germany) 1957, v. 5,
no. 6, p. 231-232.

DESCRIPTORS: *Silicates, *Glass, *Crystallization,
Crystals, Lattices, Polymerization, Nucleation.

(Materials-Composites, ET, v. 9, no. 5)

62-18119

1. Title: Tammann theory
1. Knapp, O.

Office of Technical Services

62-16624

Nestler, A.
MODERN GLASS-WORKING MACHINES [OF] THE
NATIONALIZED GLASS MACHINE CONSTRUCTION
(Neuzeitliche Glasverarbeitungsmaschinen des Volk-
seigenen Glasmaschinenbaues). [1962] [6]p. (foreign
text included).

Order from SLA \$1.10

62-16624

Trans. of Silikat Technik (East Germany) 1957, v. 8,
no. 8, p. 343-344.

DESCRIPTORS: *Glass, Manufacturing methods, Ma-
chines, Construction, Electric machinery, Containers.

(Materials--Ceramics, TT, v. 9, no. 1)

1. Nestler, A.

Office of Technical Services

Glass Research in the Soviet Union in the Last
40 Years, by Michael Alexejewitsch Besborodow,
12 p.

GERMAN, per, Silikat Technik, 1957, Vol VIII,
No 11, pp 467-469.

SLA 59-15328

Sci
Dec 59
Vol 2, No 6

103,938

Budnikow, Peter Petrowitch.
INVESTIGATIONS BY SOVIET RESEARCH WORKERS
IN THE FIELDS OF PHYSICAL CHEMISTRY AND
CERAMIC TECHNOLOGY. [1962] 15p. 7 refs.
Order from SLA \$1.60 62-18624

Trans. of Silikat Technik (East Germany) 1957, v. 8,
no. 11, p. 470-473.

DESCRIPTORS: *Scientific research, *Physical chemis-
try, *Ceramic materials.

(Chemistry--Physical, TT, v. 9, no. 8)

62-18624

I. Budnikow, P. P.

Office of Technical Services

Determination of the Usefulness of Industrial
Waste Products for Making Building
Materials, by E. Vogel.

GERMAN, per Silikat Technik, Vol. 12, No. 2

pp 52-55

GB 334/CT.10 - 40/-

Sci -
Aug 67

338-379

Manufacturing, Properties, and Applications of
Some High-Temperature Oxide Materials, by Walter
Richter, Karl Pump, 15 pp.

RUSSIAN, per, Silikat Technik, Vol IX, 1958,
pp 74-77, 9206081.

AEC Tr 5711

Sci - Mat & Met

230,673

May 63

air Residue Deposits, by J. Pomper, 6 pp.

GERMAN, per, Silikattechnik, MARCH
Vol 13, 1958, pp 110-116.

CSIRO

Sci - Min/Met.
Nov 61

174,385

Silicate Research in the People's Republics,
GERMAN, per, Silikat Technik, Vol IX, No 4,
pp 146-150, 1958,

C.S.I.R.O.

Sci - Chem

May 60

116,929

Foam Carbonate, by W. Slatanoff, N. Djaharoff,

RUSSIAN, per, Silikat Technik, Vol IX, No 4,
pp 162-164. 1958

C.S.I.R.O. 4122

Sci

Apr 60

115,339

Glass Surfaces Covered With Silicone Film, by H. Wessel.

GERMAN, per, Silikat Technik, Vol IX, No 5, 1958, pp 201-208.

CSIRO

Oct. 62

Thermodynamic Investigation of Solid
Reactions in Silicate Systems,
by Babushkin Mischelov-Petrovskian.

GERMAN, per, Silikat Technik, No 5,
1958, pp 209-212.

CSIRO

Sci - Chem
Jul 62

203,460

Importance and Functions Of the Technical Control
Organization In Glass Works, by Lange and Puppe.

GERMAN, per, Silikat Technik, Vol IX, No 5, 1958,
pp 216-218.

CSIRO

Oct. 62

Knapp, Oscar.
CRYSTALLIZATION PROPERTIES AND COMPOSITION
OF SILICATE GLASSES (Kristallisationsvermögen und
Zusammensetzung der Silikatgläser). [1962] [16]p.
(foreign text included) 4 refs.
Order from SLA \$1.60

62-14873

Trans. of Silikat Technik (East Germany) 1959, v. 10,
no. 8, p. 405-408.

DESCRIPTORS: *Glasses, *Silicates, Crystallization,
Solids, *Liquids, Temperature, *Fused materials,
Statistical analysis, Heat treatment, *Magnesium com-
pounds, Oxides, *Lacids, Organic compounds, *Ceramic
materials, Production.

(Materials - Ceramics, IT, v. 9, no. 5)

I. Knapp, O.

Office of Technical Services

Development of the Glass Industry. (Wk Econ Rpt
on EGar, 257)

GERMAN, per, Silikattechnik, East Berlin, Aug 1958,
pp 340-342.

CIA/FDD Sum 2257

EGar - Germany
Econ
Jul 59

91, 237

Structure of Fluoride Glass. Part 2 by Vogel and Gerth.

GERMAN, per, Silikat Technik, Vol IX, No 8, 1958,
pp 353-358

CSIRO

Oct. 62

Dust Measurements and Dust Regulations, by R. D. Baumert.

BERMAN, per, Silikattechnik, Vol IX, 1958, p 398.

CSIRO

Sci - Phys

Jun 60

118,530

Technical Dust Suppression In the Silicate Industry,
by R. Bommerert.

GERMAN, per, Silikat Technik, Vol IX, 1958, pp 401-406.

CSIRO

Oct. 62

Use of Industrial Waste and Natural Deposits for
Building Materials Production [East Germany], by
Werner Franks, (Wk Econ Rpt on EBar, 230).

GERMAN, per, Silikattechnik, Berlin, Oct 1958, pp 435-
442.

CIA/FDD Dec 2040

EBar - Germany
Econ
Jan 59

78,938

Manufacture of Hollow Glass Fibres From Glass
Tubes Using the Bar Drawing Process, by
S. Hinz, 1 pp.

GERMAN, per, Silikattechnik, Vol IX, No 11,
1958, pp 484-485.

CSIRO

Sci
Nov 61

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Order from SLA \$1.60 62-18183

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DESCRIPTORS: *Brick, *Minerals, *Refractory materials,
*Magnesite, Chromium, Quantitative analysis,
*Microscopy, Microstructure, Hardness, Optical
properties, Crystals, Growth, Crystal structure,
Silicates, Steel industry, Spinel.

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DESCRIPTORS: *Glass, Chemical analysis,
Impurities, Test methods.

(Materials--Ceramics, TT, v. 10, no. 5)

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DESCRIPTORS: *Construction materials, Wastes
(Industrial), Manufacturing methods.

(Materials, TT, v. 11, no. 4)

TT-63-22908

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(Materials--Ceramics, TT, v. 7, no. 6)

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Trans. of Silikat Technik (East Germany) 1960, v. 11,
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DESCRIPTORS: Design, *Cement kilns

(Materials, TT, v. 11, no. 7)

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Trans. of Silikat Technik (East Germany) 1960,
v. 11, no. 6, p. 273-275.

DESCRIPTORS: *Mortar, Construction materials,
Test methods.

(Materials, TT, v. 11, no. 5)

TT-63-22909

- I. Title: Plaster
- I. Röbert, S.
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Trans. of Silikat Technik (East Germany) 1961, v. 12,
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DESCRIPTORS: *Glass, *Silicates, *Boron compounds,
Ceramic materials.

(Materials--Ceramics, TT, v. 10, no. 12)

- I. Kühne, K.
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- III. BGIRA-578
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DESCRIPTORS: *Television, *Industrial equipment, East Germany, *Silicates, Industry

(Machinery--Manufacturing, TT, v. 7, no. 11)

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(Engineering--Electronic, TT, v. 12, no. 2)

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